

DEFAULT MLEVEL IS ATOM  
 MLEVEL IS CLASS AT 18  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 17

STEREO ATTRIBUTES: NONE  
 L30 0 SEARCH L29 SSS FUL

FILE 'REGISTRY' ENTERED AT 11:07:10 ON 22 FEB 2005  
 L31 37028 SEA ABB=ON PLU=ON ?METHANESULFONAMIDE?/CNS  
 L32 104 SEA ABB=ON PLU=ON ?"CHLORO-3-(4,5-DIHYDRO-1H-IMIDAZOL"?/CNS  
 L33 6 SEA ABB=ON PLU=ON L31(L)L32  
 FILE 'CAPLUS' ENTERED AT 11:08:49 ON 22 FEB 2005  
 L34 15 SEA ABB=ON PLU=ON (METHANESULFONAMIDE OR METHANESULPHONAMIDE  
 OR METHANE(W) (SULFONAMIDE OR SULPHONAMIDE)) (S) (6(W)CHLORO)  
 L35 1 SEA ABB=ON PLU=ON L34(S)IMIDAZOL?  
 L36 5 SEA ABB=ON PLU=ON L33  
 L37 3 SEA ABB=ON PLU=ON (L35 OR L36) NOT L10

L37 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ED Entered STN: 10 May 2004

ACCESSION NUMBER: 2004:373798 CAPLUS

DOCUMENT NUMBER: 141:215

TITLE: Dabuzalgron hydrochloride: Treatment of urinary  
 incontinence  $\alpha$ 1A/1L-adrenoceptor partial agonist

AUTHOR(S): Sorbera, L. A.; Castaner, J.

CORPORATE SOURCE: Prous Science, Barcelona, 08080, Spain

SOURCE: Drugs of the Future (2004), 29(3), 216-219

CODEN: DRFUD4; ISSN: 0377-8282

PUBLISHER: Prous Science

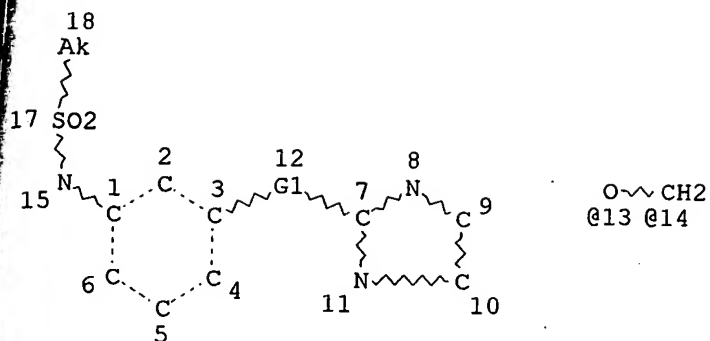
DOCUMENT TYPE: Journal; General Review

LANGUAGE: English

AB A review. Stress urinary incontinence is the most common form of urinary incontinence. Adrenergic receptors have been the focus of research to develop effective agents to manage the disorder. The  $\alpha$ 1A-adrenoceptor subtype in particular is found in abundance in the bladder neck and proximal urethra and is recognized as playing an important role in the sympathetic neuronal control of urinary outlet tissue smooth muscle tone. However, selective  $\alpha$ 1A-adrenoceptor agonists which have been shown to be effective in relieving symptoms of urinary incontinence are associated with unwanted hemodynamic effects such as elevation of blood pressure. The  $\alpha$ 1L-adrenoceptor is a fourth adrenoceptor subtype identified and found to mediate contraction of urinary outlet smooth muscle. Evidence suggests that this subtype is actually a pharmacol. form of the  $\alpha$ 1A-adrenoceptor gene product. The  $\alpha$ 1A- and  $\alpha$ 1L-adrenoceptors together have therefore become attractive targets for the development of agents with improved safety profiles for the treatment of stress urinary incontinence. Dabuzalgron (Ro-115-1240, R-450) is a novel  $\alpha$ 1A/1L-adrenoceptor partial agonist that has been shown to control urethral smooth muscle in vitro and in vivo. Moreover, the agent emerged as safe and effective as a treatment for stress urinary incontinence from a randomized trial.

IT 219311-43-0, Dabuzalgron hydrochloride

10/798856



VAR G1=NH/CH2/13-3 14-7

NODE ATTRIBUTES:

CONNECT IS X2 RC AT 8

DEFAULT MLEVEL IS ATOM

MLEVEL IS CLASS AT 18

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 17

STEREO ATTRIBUTES: NONE

ATTRIBUTES SPECIFIED AT SEARCH-TIME:

ECLEVEL IS LIM ON ALL NODES

ALL RING(S) ARE ISOLATED

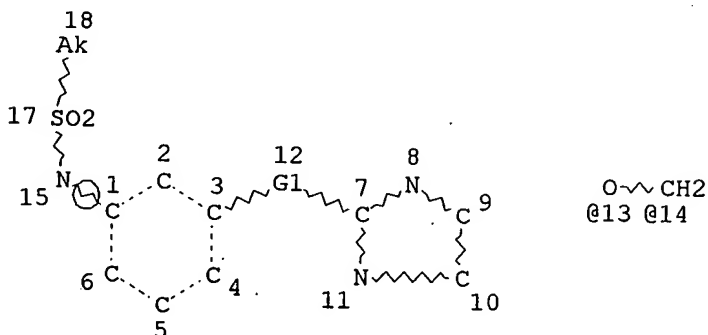
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100.0% PROCESSED 15 ITERATIONS

SEARCH TIME: 00.00.01

0 ANSWERS

L29 STR



VAR G1=NH/CH2/13-3 14-7

NODE ATTRIBUTES:

CONNECT IS X2 RC AT 8

Searcher :

Shears

571-272-2528